A2575-1 3/14/83

American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 **For Week Ended** *JANUARY* 21, 1983 **NO.** 3

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 01/21/83	Last Week Ending: 01/14/83	Last Year Week Ending: 01/22/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	11,415	11,660	11,743	- 245	- 328
Operable capacity	16,814	16,814	17,822	0	- 1,008
Percent operated	67.9	69.3	65.9		
Motor Gasoline					
Total motor gasoline production	6,040	6,170	5,932	- 130	+ 108
Finished leaded motor gasoline production	2,531	2,773	*N/A*	- 242	*N/A*
Finished unleaded motor gasoline production	3,509	3,397	*N/A*	+ 112	*N/A*
Total motor gasoline stocks	245,756	246,291	257,449	- 535	- 11,693
Finished leaded motor gasoline stocks	99,830	101,135	*N/A*	- 1,305	*N/A*
Finished unleaded motor gasoline stocks	99,724	98,703	99,805	+ 1,021	- 81
Distillate Fuel Oil					
Distillate fuel oil production	2,338	2,470	2,479	- 132	- 141
Distillate fuel oil stocks	172,486	177,583	174,633	- 5,097	- 2,147
Residual Fuel Oil					
Residual fuel oil production	981	1,055	1,271	- 74	- 290
Residual fuel oil stocks	65,134	65,200	79,020	- 66	- 13,886
Imports					
Crude oil imports	3,042	2,870	3,788	+ 172	- 746
Product imports	1,465	1,561	1,682	- 96	- 217
Crude Oil Stocks					
Crude oil stocks	356,547	356,747	371,333	- 200	- 14,786

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,232	977	1,017	1,569	64.8
Appal. No. 1	71	69	69	98	70.4
DISTRICT 1 TOTAL	1,303	1,046	1,086	1,667	65.1
Appal. No. 2	53	50	53	66	80.3
Ind., Ill., Ky.	2,030	1,697	1,860	2,399	77.5
Minn., Wis., Daks.	241	224	239	293	81.6
Okla., Kans., Mo.	746	651	659	858	76.8
DISTRICT 2 TOTAL	3,070	2,622	2,811	3,616	77.7
Inland Texas	502	436	463	592	78.2
Texas Gulf Coast	2,743	2,492	2,545	4,164	61.1
La. Gulf Coast	1,948	1,840	1,902	2,708	70.2
N. La. and Ark.	170	142	151	314	48.1
New Mexico	79	69	75	117	64.1
DISTRICT 3 TOTAL	5,442	4,979	5,136	7,895	65.1
DISTRICT 4 TOTAL	434	397	400	553	72.3
DISTRICT 5 TOTAL	2,074	1,969	1,982	3,083	64.3
TOTAL U.S.	12,323	11,013	11,415	16,814	67.9
TOTAL U.S. Weeks Ended:					
JAN. 14, 1983	12,305	11,243	11,660	16,814	69.3
JAN. 22, 1982	12,702	11,487	11,743	17,822	65.9
DISTRICTS 1-4 Weeks Ended:					
JAN. 21, 1983	10,249	9,044	9,433	13,731	68.7
JAN. 14, 1983	10,217	9,292	9,698	13,731	70.6
JAN. 22, 1982	10,547	9,408	9,610	14,698	65.4

API WEEKLY STATISTICAL BULLETIN
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U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	566	241	325	--	28	250	125
Appal. No. 1	30	18	12	1	--	17	5
DISTRICT 1 TOTAL	596	259	337	1	28	267	130
Appal. No. 2	38	15	23	--	4	9	3
Ind., Ill., Ky.	1,168	485	683	19	109	358	60
Minn., Wis., Daks.	176	98	78	4	3	52	5
Okla., Kans., Mo.	419	233	186	8	12	176	18
DISTRICT 2 TOTAL	1,801	831	970	31	128	595	86
Inland Texas	238	115	123	24	24	94	25
Texas Gulf Coast	1,230	356	874	22	186	566	224
La. Gulf Coast	897	379	518	16	195	343	167
N. La. and Ark.	57	35	22	5	--	42	13
New Mexico	28	13	15	11	1	24	3
DISTRICT 3 TOTAL	2,450	898	1,552	78	406	1,069	432
DISTRICT 4 TOTAL	218	127	91	12	16	101	19
DISTRICT 5 TOTAL	975	416	559	33	223	306	314
TOTAL U.S.	6,040	2,531	3,509	155	801	2,338	981
TOTAL U.S. Weeks Ended:							
JAN. 14, 1983	6,170	2,773	3,397	189	819	2,470	1,055
JAN. 22, 1982	5,932	*N/A*	*N/A*	145	700	2,479	1,271
DISTRICTS 1-4 Weeks Ended:							
JAN. 21, 1983	5,065	2,115	2,950	122	578	2,032	667
JAN. 14, 1983	5,242	2,360	2,882	159	612	2,152	746
JAN. 22, 1982	5,052	*N/A*	*N/A*	109	522	2,118	886

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended *JANUARY* 21, 1983

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	6,653●	3,445●	3,208●	--	108	623●	13,825●	2,636●	--
Central Atlantic	33,057	12,746	14,451	5,860	381	3,751	43,843	25,431	12,757
Lower Atlantic	26,976●	12,623●	14,353●	--	77	4,490●	16,084●	5,774●	446
DISTRICT 1 TOTAL	66,686	28,814	32,012	5,860	566	8,864	73,752	33,841	13,203
DISTRICT 2 TOTAL	73,234	34,144	29,848	9,242	1,375	7,399	49,625	5,639	17,099
DISTRICT 3 TOTAL	67,298	22,401	24,908	19,989	2,423	10,084	32,720	15,519	47,247
DISTRICT 4 TOTAL	9,074	4,520	2,348	2,206	352	647	4,120	569	2,485
DISTRICT 5 TOTAL	29,464	9,951	10,608	8,905	1,144	5,634	12,269	9,566	26,121
TOTAL U.S.	245,756	99,830	99,724	46,202	5,860	32,628	172,486	65,134	106,155
TOTAL U.S.									
Weeks Ended:									
JAN. 14, 1983	246,291	101,135	98,703	46,453	6,230	31,947	177,583	65,200	105,196
JAN. 22, 1982	257,449	*N/A*	99,805	*N/A*	6,722	30,810	174,633	79,020	114,278
DISTRICTS 1-4									
Weeks Ended:									
JAN. 21, 1983	216,292	89,879	89,116	37,297	4,716	26,994	160,217	55,568	80,034
JAN. 14, 1983	216,727	90,972	88,122	37,633	5,026	26,166	165,058	55,875	78,861
JAN. 22, 1982	225,174	*N/A*	87,529	*N/A*	5,312	24,584	161,359	68,686	87,820

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE 7*
NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended *JANUARY* 21, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy *AUG.* 1982	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
JAN. 21, 1983	5,815.1	5,813.0	2,873	202	273,208
JAN. 14, 1983	5,815.1	--	2,759	182	271,294
JAN. 7, 1983	5,824.1	--	2,618	182	269,166
DEC. 31, 1982	5,824.1	--	2,942	162	267,368
DISTRICT 5 TOTAL					
JAN. 21, 1983	2,846.0	2,807.0	169	--	83,339 *
JAN. 14, 1983	2,846.0	--	111	8	85,453●
JAN. 7, 1983	2,795.7	--	307	20	75,801
DEC. 31, 1982	2,795.7	--	185	--	81,116
TOTAL U.S.					
JAN. 21, 1983	8,661.1	8,620.0	3,042	202	356,547 *
JAN. 14, 1983	8,661.1	--	2,870	190	356,747●
JAN. 7, 1983	8,619.8	--	2,925	202	344,967
DEC. 31, 1982	8,619.8	--	3,127	162	348,484
JAN. 22, 1982	8,585.1/A	--	3,788	194	371,333

INCLUDES 29,793 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/A DOE ACTUAL FOR JANUARY 1982.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
JAN. 21, 1983	18,327	79,259	161,463	14,159	273,208	83,339 *	356,547 *
JAN. 14, 1983	17,004	78,103	162,472	13,715	271,294	85,453●	356,747●
JAN. 22, 1982	19,519	81,260	163,446	14,332	278,557	92,776	371,333

[1]See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE 7*

Week Ended *JANUARY* 21, 1983

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	--	--	2	--	--	2
Central Atlantic	110	60	50	5	38	127	--	3	84	150	517
Lower Atlantic	--	--	--	--	--	--	412	--	--	--	412
DISTRICT 1 TOTAL											
JAN. 21, 1983	110	60	50	5	38	127	412	5	84	150	931
JAN. 14, 1983	149	97	52	3	5	95	509	6	25	161	953
JAN. 7, 1983	124	71	53	3	5	66	473	5	97	66	839
DEC. 31, 1982	160	*N/A*	49	--	--	74	448	9	9	2	702
DISTRICTS 2–4 TOTAL											
JAN. 21, 1983	--	--	--	--	--	--	106	258	54	24	442
JAN. 14, 1983	5	4	1	--	--	30	163	240	77	5	520
JAN. 7, 1983	4	1	3	--	--	1	56	215	369	98	743
DEC. 31, 1982	20	*N/A*	--	--	--	--	120	200	76	8	424
DISTRICT 5 TOTAL											
JAN. 21, 1983	38	24	14	--	1	7	21	14	4	7	92
JAN. 14, 1983	38	28	10	--	1	6	19	14	4	6	88
JAN. 7, 1983	36	23	13	--	1	7	19	15	9	8	95
DEC. 31, 1982	35	*N/A*	12	--	--	7	54	14	--	--	110
TOTAL U.S.	148	84	64	5	39	134	539	277	142	181	1,465
TOTAL U.S. Weeks Ended:											
JAN. 14, 1983	192	129	63	3	6	131	691	260	106	172	1,561
JAN. 7, 1983	164	95	69	3	6	74	548	235	475	172	1,677
DEC. 31, 1982	215	*N/A*	61	--	--	81	622	223	85	10	1,236
JAN. 22, 1982	85	*N/A*	44	--	--	188	967	314	97	18	1,682

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

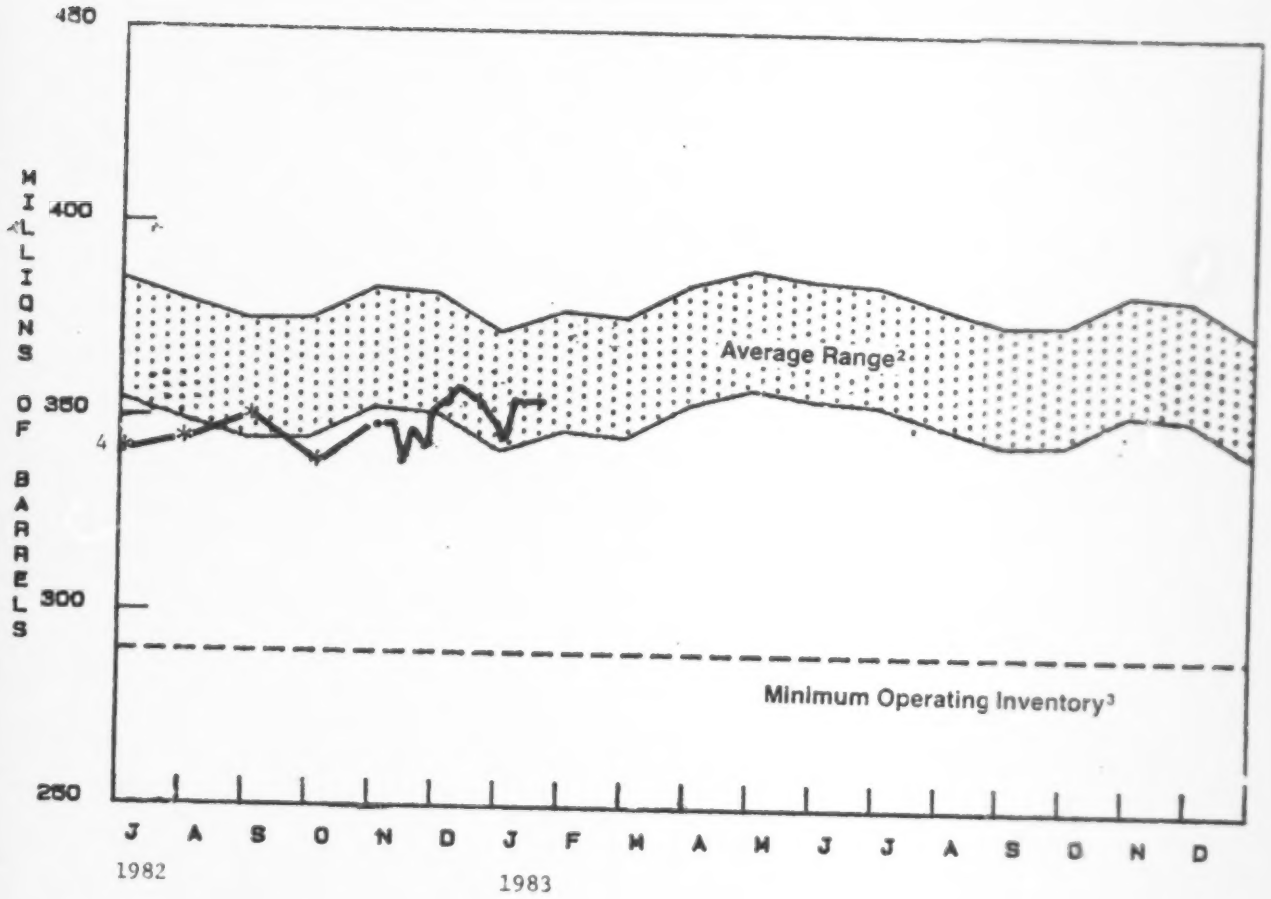
Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

REVISIONS

1/14/83	PAGE 3	TOTAL MGAS	NEW ENGLAND	6,387
			LOWER ATLANTIC	26,983
		LEADED MGAS	NEW ENGLAND	3,015
			LOWER ATLANTIC	12,879
		UNLEADED MGAS	NEW ENGLAND	3,372
			LOWER ATLANTIC	14,104
		KEROSINE JET	NEW ENGLAND	501
			LOWER ATLANTIC	3,817
		DISTILLATE FUEL	NEW ENGLAND	15,134
			LOWER ATLANTIC	17,316
		RESIDUAL FUEL	NEW ENGLAND	2,952
			LOWER ATLANTIC	5,527
	PAGE 4 TOP	CRUDE OIL STOCKS	DISTRICT 5 TOTAL	85,453
			TOTAL U.S.	356,747
	PAGE 4 BOTTOM	TOTAL	PAD DISTRICT 5	85,453
		TOTAL	TOTAL U.S.	356,747

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

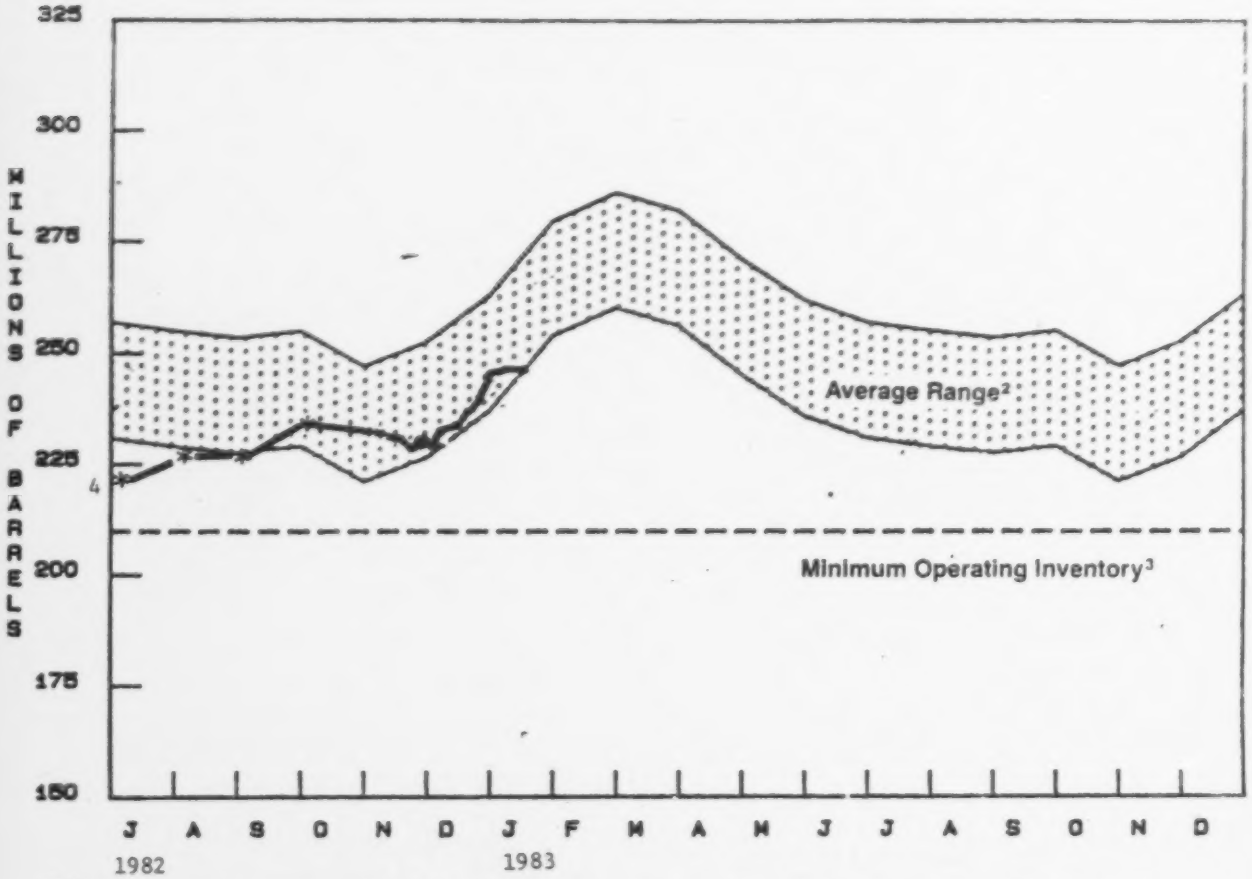
[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

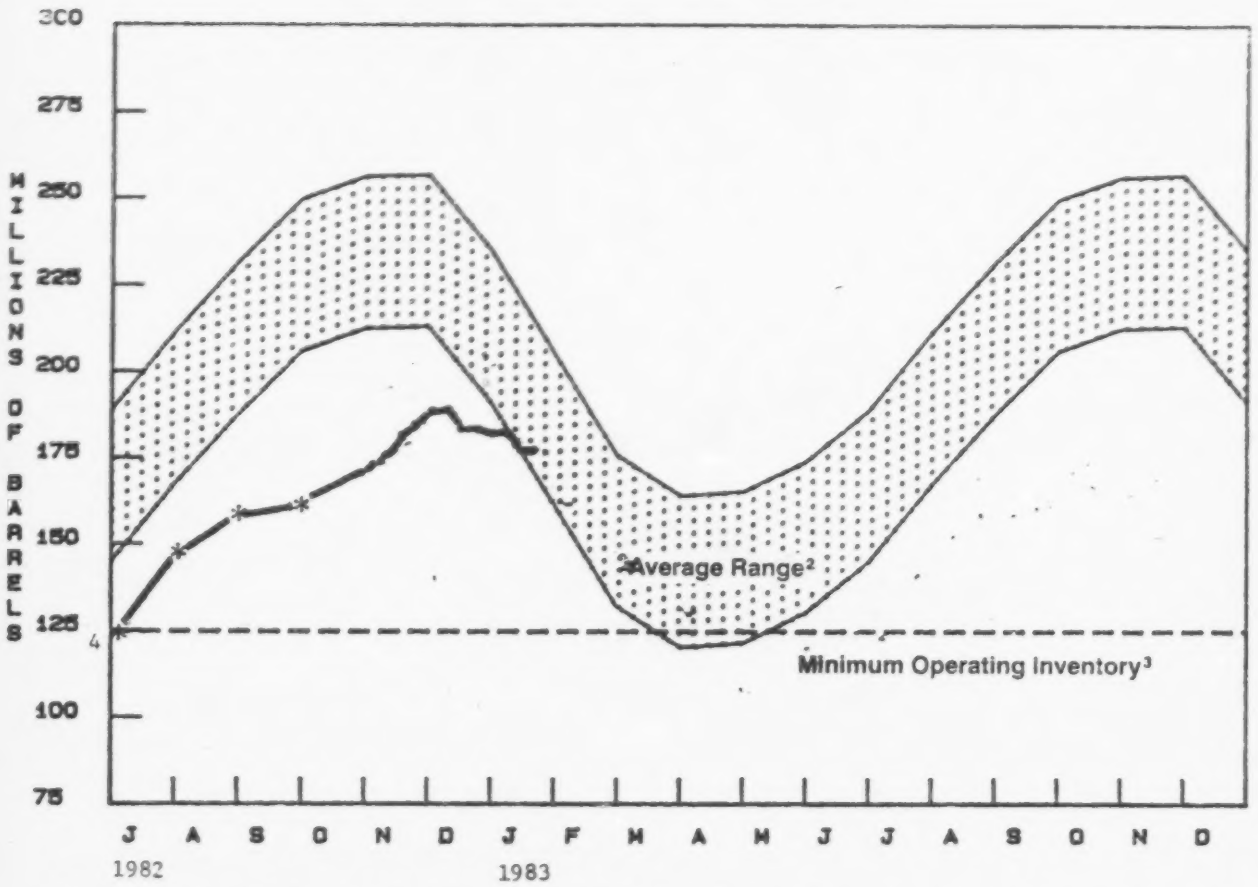
[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.